

Abstract of the Disclosure

A high-brightness phosphor screen and a method for forming the same are provided. The high-brightness phosphor screen having a low or middle working voltage, unlike a method of improving luminescent properties by use of a new synthetic phosphor, can be formed by simple deposition of a phosphor mixture that contains a proper ratio of a blue or green light-emitting phosphor for color image display and a bluish green light-emitting ZnO:Zn phosphor with high luminescent efficiency at low voltages.

CONFIDENTIAL INFORMATION